

05-10-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		H1799-00071
First Inventor		PETER DUSSINGER
Title	INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES	
Express Mail Label No.		E1901223587US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		
2. <input checked="" type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.		
3. <input checked="" type="checkbox"/>	Specification (preferred arrangement set forth below)	[Total Pages	15]
	<ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		
4. <input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113)	[Total Sheets	3]
5. Oath or Declaration	[Total Pages 2]		
a. <input type="checkbox"/>	Newly executed (original or copy)		
b. <input checked="" type="checkbox"/>	Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)		
i. <input type="checkbox"/>	<u>DELETION OF INVENTOR(S)</u>		
	Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		
6. <input type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76		

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(*if applicable, all necessary*)

- Computer Readable Form (CRF)
- Specification Sequence Listing on:
 - CD-ROM or CD-R (2 copies); or
 - paper
- Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
 Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent. **SMALL ENTITY STATEMENT**

17. Other: **CHECK**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09 / 310,397
or application information: C. ATKINSON Examiner Group, Art Unit: 3743

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/>	Customer Number or Bar Code Label	08933 (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/>	Correspondence address below
Name	SAMUEL W. APICELLI			
Address	DUANE, MORRIS & HECKSCHER LLP			
	305 NORTH FRONT STREET, P.O. BOX 1003			
City	HARRISBURG	State	PA	Zip Code
Country	US	Telephone	717-237-5516	Fax
Name (Print/Type)	SAMUEL W. APICELLI		Registration No. (Attorney/Agent)	36,427
Signature	<i>Samuel W. Apicelli</i>		Date	5/9/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

515

Complete if Known

Application Number	NOT YET KNOWN
Filing Date	HEREWITH
First Named Inventor	PETER DUSSINGER
Examiner Name	ATKINSON, C.
Group Art Unit	3743
Attorney Docket No.	H1799-00071

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	04-1679
Deposit Account Name	DUANEMORRIS&HECKSCHER LLP

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,240	241	620 Petition to revive - unintentional	
142	1,240	242	620 Utility issue fee (or reissue)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	SAMUEL W. APICELLI		Registration No. (Attorney/Agent)	36,427	Telephone	717-237-5516
Signature	<i>Samuel W. Apicelli</i>				Date	5/9/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dussinger et al.

Serial No.: Not yet known

Filing Date: Herewith

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

CERTIFICATE OF EXPRESS MAIL

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I hereby certify that this document, namely the above-identified **Utility Patent Application** is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

"Express Mail" mailing label number EI901223587US

Date of Deposit 05/09/2001.

Respectfully submitted,



Samuel W. Apicelli, Esq.
Registration No. 36427
Customer Number 08933
Duane, Morris & Heckscher LLP
305 North Front Street, P.O. Box 1003
Harrisburg, PA 17108-1003
Telephone: (717) 237-5516

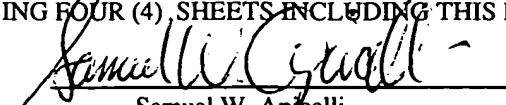
Date: 05/09/2001

Docket No: H1799-00071
HBG75338.1

CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. 1.6 &1.8

I CERTIFY THAT THIS CORRESPONDENCE IS BEING TRANSMITTED BY FACSIMILE TO THE PATENT AND TRADEMARK OFFICE ON THE DATE, AND TO THE NUMBER SHOWN BELOW.
FAX. NO. 703-308-7764 COMPRISING FOUR (4) SHEETS INCLUDING THIS PAGE.

Date: November 3, 2000


Samuel W. Apicelli
Reg. No. 36,427

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dussinger et al.

Serial No: 09/310,397

Examiner: Atkinson, C.

Filed: 05/12/1999

Group Art Unit: 3743

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

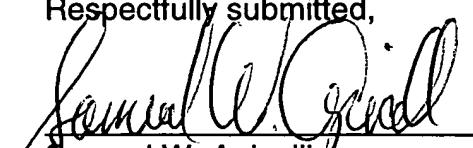
TRANSMITTAL LETTER

Please find enclosed for filing:

Power of Attorney and Change of Correspondence
 Statement Under 37 CFR 3.73(b)
 If any fees are required, please debit the same from

Deposit Account No. 04-1679. This Transmittal Letter is submitted in duplicate.

Respectfully submitted,


Samuel W. Apicelli

Registration No.: 36,427

Customer Number 08933

DUANE, MORRIS & HECKSCHER, LLP
305 North Front Street, P.O. Box 1003
Harrisburg, PA 17108-1003
(717) 237-5516

Date: 11/3/00

Attorney Docket No.: H1799-00025

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Dussinger et al.Application No./Patent No.: 09/310,397 Filed/Issue Date: 05/12/1999Entitled: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLESThermal Corp., a Delaware corporation,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 09961 Frame 0197, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

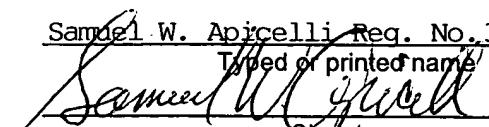
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 3, 2000
Date

Samuel W. Apricelli Reg. No. 36,427

Typed or printed name


Signature

Attorney of Record

Title

Attorney's Docket No. _____

Martin Fruitman
419 N. George St.
Millersville, PA 17551

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Peter M. Dussinger et al

For: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER
WITH THROUGH MOUNTING HOLES

Enclosed are:

3 sheets of drawing

An assignment of the invention to Thermal Corp.

A verified statement to establish small entity status under
37 C.F.R. 1.9 and 37 C.F.R. 1.27.

The filing fee has been calculated as shown below:

FOR:	NO. FILED	EXTRA NO.	SMALL ENTITY		OTHER THAN SMALL ENTITY		
			RATE	FEES	OR	RATE	FEES
BASIC FEE	*****	*****	****	\$380	OR	****	\$760
TOTAL CLMS	7-20=	0	x9	\$ 0	OR	x18	\$
INDEP. CLMS	2-3=	0	x39	\$ 0	OR	x78	\$
] MULTIPLE INDEPENDENT CLAIMS		x	\$ 0		OR	x	\$
			TOTAL	\$380	TOTAL	\$	

A check in the amount of \$380.00 to cover the filing
fee is enclosed.

A second check in the amount of \$ 40.00 to cover the
fee for recording of the assignment is enclosed.
A duplicate copy of this sheet is enclosed.



Martin Fruitman
Attorney of Record
Reg. No. 26,890